

US EPA ARCHIVE DOCUMENT



Surface Water Sampling Report

Sample Number	NCA10-2305-D-SWA-09232010	Impacts on Aquatic Life		
Medium	Water	Benchmark Levels	Level of Concern for Aquatic Life	Impacts on Aquatic Life
City, State	Port St Joe, Florida	Below EPA risk-based guidelines and state water quality standards for protection of aquatic life.	Low	Below levels that pose problems for aquatic life.
Latitude	29.689192	Above EPA risk-based guidelines or state water quality standards for chronic exposure.	Moderate	Levels that might impact the health, growth or reproductive activity of aquatic life if exposed for an extended period of time.
Longitude	-85.232287	Above EPA risk-based guidelines or state water quality standards for acute exposure or failed a toxicity test.	High	Elevated potential for mortality among aquatic life
Sample Date	9/23/2010			

To know more about Water Benchmarks for Aquatic Life by Chemical <http://www.epa.gov/bpspill/water-benchmarks.html>

To know more about Human Health Benchmarks by Chemical <http://www.epa.gov/bpspill/health-benchmarks.html>

Category	Acute Ratio <a href="#">About this</a>	Exceeds Acute Ratio?	Chronic Ratio <a href="#">About this</a>	Exceeds Chronic Ratio?
Oil Related Organic Compounds	.099	No	.41	No

Contaminant Name	CAS Number	Result	Unit	Exceeds Human Health Benchmark? <a href="#">About this</a>	Get More Information about this Chemical
C1-Phenanthrenes/Anthracenes	N/A	.05	ug/L		<a href="#">ATSDR</a> <a href="#">CAMEO Chemicals</a> <a href="#">EPA SRS</a>
C2-Phenanthrenes/Anthracenes	N/A	.16	ug/L		<a href="#">ATSDR</a> <a href="#">CAMEO Chemicals</a> <a href="#">EPA SRS</a>
C3-Phenanthrenes/Anthracenes	N/A	.22	ug/L		<a href="#">ATSDR</a> <a href="#">CAMEO Chemicals</a> <a href="#">EPA SRS</a>
C4-Phenanthrenes/Anthracenes	N/A	.1	ug/L		<a href="#">ATSDR</a> <a href="#">CAMEO Chemicals</a> <a href="#">EPA SRS</a>